

GenCore version 5.1.6  
Copyright (c) 1993 - 2003 Compugen Ltd.

OM nucleic - nucleic search, using sw model

Run on: August 23, 2003, 12:29:56 ; Search time 88 Seconds  
(without alignments)  
7789.409 Million cell updates/sec

Title: US-09-745-506-74

Perfect score: 1553  
Sequence: 1 GTGATTGTATCTTGTCGT.....TCTGTTACTTACATTCGAA 1553

Scoring table: IDENTITY\_NUC  
Gapop 10.0 , Gapext 1.0

Searched: 569978 seqs, 220691566 residues

Total number of hits satisfying chosen parameters: 1139956

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%

Listing first 45 summaries

Database :

Issued\_Patents\_NA:\*  
1: /cgn2\_6/ptodata/2/1na/5A.COMB.seq:\*  
2: /cgn2\_6/ptodata/2/1na/5B.COMB.seq:\*  
3: /cgn2\_6/ptodata/2/1na/6A.COMB.seq:\*  
4: /cgn2\_6/ptodata/2/1na/6B.COMB.seq:\*  
5: /cgn2\_6/ptodata/2/1na/PTUS.COMB.seq:\*  
6: /cgn2\_6/ptodata/2/1na/backfile1.seq:\*

Pred. No. is the number of results predicted by chance to have a  
score greater than or equal to the score of the result being printed,  
and is derived by analysis of the total score distribution.

#### SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	53	3.4	5463	4	US-09-221-017B-610
2	42.2	2.7	1158	4	US-09-134-001C-2329
3	39	2.5	13206	4	US-08-961-527-33
4	35.8	2.3	663	3	US-08-998-416-189
5	35.2	2.3	640	3	US-08-998-416-955
6	35.2	2.3	642	3	US-08-998-416-192
7	35.2	2.3	718	3	US-08-998-416-1015
8	35.2	2.3	798	3	US-08-998-416-386
9	34.4	2.2	1611	6	5213972-6
10	34.2	2.2	5852	1	US-07-867-106-2
11	34	2.2	1704	4	US-09-107-532A-3076
12	33.6	2.2	3390	1	US-08-453-742-26
13	33.6	2.2	3390	1	US-08-454-464-26
14	33.6	2.2	3390	1	US-08-453-222-26
15	33.6	2.2	3390	1	US-08-452-802-26
16	33.6	2.2	3416	1	US-08-453-742-24
17	33.6	2.2	3416	1	US-08-454-464-24
18	33.6	2.2	3416	1	US-08-453-222-24
19	33.6	2.2	3416	1	US-08-452-802-24
20	33.6	2.2	3588	4	US-09-016-434-1189
21	33.4	2.2	1230025	4	US-09-198-452A-1
22	33.2	2.1	843	4	US-09-292-858B-7
23	33.2	2.1	2940	4	US-09-773-426A-6
24	33	2.1	744	4	US-09-134-001C-1658
25	32.8	2.1	1968	4	US-09-601-198-100
26	32.8	2.1	168575	4	US-09-426-290-1
27	32.4	2.1	14113	3	US-09-223-134-1

C 28	32.4	2.1	14113	3	US-08-992-801-1	Sequence 1, Appl1
C 29	32.4	2.1	14113	3	US-09-223-535-1	Sequence 1, Appl1
C 30	32.2	2.1	64467	4	US-09-803-671B-3	Sequence 3, Appl1
C 31	32	2.1	1191	4	US-09-252-991A-2388	Sequence 2388, Ap
C 32	32	2.1	1431	4	US-07-792-885A-2	Sequence 1280, Ap
C 33	32	2.1	3588	1	US-07-134-001C-1280	Sequence 2, Appl1
C 34	32	2.0	20674	4	US-09-641-638-651	Sequence 651, App
C 35	31.6	2.0	563	3	US-09-385-982-426	Sequence 426, App
C 36	31.6	2.0	581	3	US-09-020-956-103	Sequence 103, App
C 37	31.6	2.0	581	3	US-09-030-607-103	Sequence 103, App
C 38	31.6	2.0	581	4	US-09-439-313-103	Sequence 103, App
C 39	31.6	2.0	581	4	US-09-352-616A-103	Sequence 103, App
C 40	31.6	2.0	581	4	US-09-232-149A-103	Sequence 103, App
C 41	31.6	2.0	26000	4	US-09-843-376-10	Sequence 10, Appl
C 42	31.6	2.0	40328	3	US-08-742-185-102	Sequence 102, Appl
C 43	31.6	2.0	43795	3	US-08-742-185-101	Sequence 101, App
C 44	31.6	2.0	168575	4	US-09-426-290-1	Sequence 1, Appl1
C 45	31.6	2.0	1230025	4	US-09-198-452A-1	Sequence 1, Appl1

#### ALIGNMENTS

RESULT 1  
US-09-221-017B-610  
Sequence 610, Application US/09221017B  
Patent No. 6444799  
GENERAL INFORMATION:  
APPLICANT: ROSS, Bruce C.  
TITLE OF INVENTION: P. GINGIVALIS NUCLEOTIDES AND USES THEREOF  
NUMBER OF SEQUENCES: 1120  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: MORRISON & FOERSTER  
STREET: 755 PAGE MILL ROAD  
CITY: Palo Alto  
STATE: CA  
COUNTRY: USA  
ZIP: 94304-1018  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: Windows  
SOFTWARE: FastSeq for Windows Version 2.0b  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/221,017B  
FILING DATE: 23-DEC-1998  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PP1182  
FILING DATE: 31-DEC-1997  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PP1546  
FILING DATE: 30-JAN-1998  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PP2911  
FILING DATE: 09-APR-1998  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/AU98/01023  
FILING DATE: 10-DEC-1998  
ATTORNEY/AGENT INFORMATION:  
NAME: Monroy, Gladys H  
REGISTRATION NUMBER: 32,430  
REFERENCE/DOCKET NUMBER: 27340-20021.00  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 650-813-5600  
TELEFAX: 650-494-0792  
TELEX: 706141  
INFORMATION FOR SEQ ID NO: 610:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 5463 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: circular

```

? MOLECULE TYPE: DNA (genomic)
? HYPOTHEICAL: NO
? ANTI-SENSE: UNKNOWN
? ORIGINAL SOURCE:
? ORGANISM: PORPHYROMONAS GINGIVALIS
?
? FEATURE:
? NAME/KEY: misc_feature
? LOCATION: 1...5463
?
US-09-221-01/B-610

```

Query Match	3.4%	Score 53	DB 4	Length 5403
Best Local Similarity	51.5%	Pred. No.	8.6e-06	
Matches 122	Conservative	0	Mismatches 115	Indels 0
			Gaps	0

OY 354 CTTCCTGACCAATGACCTGACGTAGAGAAAGTGTATGAGAGAGGCTGCAAAACAAAGGCAGA 423  
 160 CCTCCTCTGTGTGGATGTTACCGAAGCGGATATTGGAGAGGCCATTCCGGCTGGATGCAA 219  
 OY 424 CCTCATTCCTCTCCATCCATCCGCCCTATCTCTCCGACCATGAAAGCCCATTAACCTGGAAAC 483  
 220 TCTGTCATATGGCCCAACCATCCGATTCCTTTCAAAACGGCTCAAGCATTTGACCGGCAGCTC 279  
 Db 484 ATGGAGAGAGCGCCCTGTGTGATCCGGGCTCTGGAGAACAGAGTGGTATCTACTCTCTCA 543  
 280 CTACGTGAGAGCATCGTGTGAGACTGTGAGCCGTACGGCAGCGTCTGTGCTATATGCGGCTCA 339  
 OY 544 TACAGCCATATGATGCTGGGGCCCAAGGGGCTCAACAACTGTTGGCTAAAGGGCTGG 600  
 340 TACCAATGCGGCACACGCTCGCAGAGGACTGATATGCGCTGCTGGCGGAACGCTTGGG 396  
 Db

```

: RESULT 2
: US-09-134-001C-2329
: Sequence 2329 Application US/09134001C
: Patent No. 6360370
: GENERAL INFORMATION:
: APPLICANT: Lynn Doucette-Stamm et al
: TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO STAPHYLOCOCCUS
: TITLE OF INVENTION: EPIDERMIDIS FOR DIAGNOSTICS AND THERAPEUTICS
: FILE REFERENCE: GTC-007
: CURRENT APPLICATION NUMBER: US/09/134,001C
: CURRENT FILING DATE: 1998-08-13
: PRIOR APPLICATION NUMBER: US 60/064,964
: PRIOR FILING DATE: 1997-11-08
: PRIOR APPLICATION NUMBER: US 60/055,779
: PRIOR FILING DATE: 1997-08-14
: NUMBER OF SEQ ID NOS: 5674
: SEQ ID NO 2329
: LENGTH: 1158
: TYPE: DNA
: ORGANISM: Staphylococcus epidermidis
: US-09-134-001C-2329

```

Query Match	Similarity	2.7%	Score 42.2	DB 4	Length 1158
Best Local	Similarity	55.9%	Pred. No. 0.0078		
Matches	80	Conservative	0	Mismatches 63	Indels 0
QY	1272	ACAGGAGCCCTTGTAGTGTATATATTCACAAACATCAGGATTAACATCTCTCCAAA	133		
DB	144	AAATGAAGCATTTTAACGTGGGTACGATTCACAAAATATCAATGAAATACATCTCCAAA	203		
QY	1332	TCAGCTGAGTCCCAACTTAAATTTGTAAACATGAGTCACTGGGACTGTGTCTCCCAA	139		
DB	204	ACAAATGTGATGCTGAAGAAATTTGGAATATCACAGAAACAGATCAGTTGACTCCCTGG	263		
QY	1392	GAGTGTCTCGAGGATATCATCA	1414		
DB	264	TCGTTTCCTTCGTTGATATTATTA	286		

RESULT 3  
US-08-961-527-33/c  
; Sequence 33, Application US/08961527

```

: Patent No.6420135
: GENERAL INFORMATION:
: APPLICANT: Charles Kunsch
: TITLE OF INVENTION: Streptococcus pneumoniae Polynucleotides and Sequences
: NUMBER OF SEQUENCES: 391
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: Human Genome Sciences, Inc.
: STREET: 9410 Key West Avenue
: CITY: Rockville
: STATE: Maryland
: COUNTRY: USA
: ZIP: 20850
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Diskette, 3.50 Inch, 1.4Mb storage
: COMPUTER: HP Vectra 486/33
: OPERATING SYSTEM: MSDOS version 6.2
: SOFTWARE: ASCII Text
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/961,527
: FILING DATE:
: CLASSIFICATION: 424
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER:
: FILING DATE:
: ATTORNEY/AGENT INFORMATION:
: NAME: Brookes, A. Anders
: REGISTRATION NUMBER: 36,373
: REFERENCE/DOCKET NUMBER: PB340P1
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: (301) 309-8504
: TELEFAX: (301) 309-8512
: INFORMATION FOR SEQ ID NO: 33:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 13206 base pairs
: TYPE: nucleic acid
: STRANDEDNESS: double
: TOPOLOGY: linear
:
: US-08-961-527-33

```

[illegible]

```

RESULT 4
US-08-998-416-189
; Sequence 189, Application US/08998416
; Patent No. 6239264
; GENERAL INFORMATION:
; APPLICANT: Phillipsen, Peter
; APPLICANT: Pohlmann, Rainer
; APPLICANT: Steiner, Sabine
; APPLICANT: Mohr, Christine
; APPLICANT: Wendland, Jurgen
; APPLICANT: Knechtle, Philipp
; APPLICANT: Redtschun, Corinne
; TITLE OF INVENTION: GENOMIC DNA SEQUENCES OF ASHBYA GOSSTYPII

```

STREET 3054 Cornwallis Road  
CITY: Research Triangle Park  
STATE: No. 6239264th Carolina  
COUNTRY: USA  
ZIP: 27709  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/998,416  
FILING DATE: 24-DEC-1997  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: CH 0016/97  
FILING DATE: 31-DEC-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Melis, J. Timothy  
REGISTRATION NUMBER: 38,241  
REFERENCE/DOCKET NUMBER: PF/5-30306/A/CGC1976  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 919-541-8587  
TELEFAX: 919-541-8689  
INFORMATION FOR SEQ ID NO: 955:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 640 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
ORIGINAL SOURCE:  
ORGANISM: PAG1590RP  
US-08-998-416-955

```

Query Match          2.3%: Score 35.2; DB 3; Length 640;
Best Local Similarity 54.7%; Pred. No. 0.8;
Matches 70; Conservative 0; Mismatches 58; Indels 0; Gaps 0;

QY      1425 GTTAACTTTATTCACCAAGTGTCTATCGCTCCTAGAGTAACCTGAATAATACTACCA 1484
        ||| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
DB       580 GTTAGCGTTATCATGTAATGGCTTAAGGGTCCGAGAATGATTTATTAATAATAATTAA 521

QY      1485 TATTAAATTAACAATGTTCAATTATAAAGCTCAGAAAGATGATTAANAATCTGTTACT 1544
        - - - - - | | | | | | | | | | | | | | | | | | | | | | | | | |
DB       520 GAATTAATATAAAAAATAAATTTAAGAATTTATCCAAGTAAGATGAATAATAATATATGTAAT 461
        - - - - - | | | | | | | | | | | | | | | | | | | | | | | | | |

QY      1545 AACATCA 1552
        | | | | |
DB       460 AAGACTTA 453

RESULT 6
US-08-998-416-192
Sequence 192, Application US/08998416
Patent No. 6239264

GENERAL INFORMATION:
APPLICANT: Philippsen, Peter
APPLICANT: Pohlmann, Rainer
APPLICANT: Steiner, Sabine
APPLICANT: Mohr, Christine
APPLICANT: Wendland, Jurgen
APPLICANT: Knechtle, Philipp
APPLICANT: Redischung, Corinne
TITLE OF INVENTION: GENOMIC DNA SEQUENCES OF ASHBYA GOSSYPIT
TITLE OF INVENTION: AND USES THEREOF
NUMBER OF SEQUENCES: 1152
CORRESPONDENCE ADDRESS:
ADDRESSEE: No. 6239264artis Corporation
STREET: 3054 Cornwallis Road
CITY: Research Triangle Park
STATE: NO. 6239264tn Carolina
COUNTRY: USA

```

ZIP: 27709  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/998,416  
FILING DATE: 24-DEC-1997  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: CH 0016/97  
FILING DATE: 31-DEC-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Meigs, J. Timothy  
REGISTRATION NUMBER: 38,241  
REFERENCE/DOCKET NUMBER: PF/5-30306/A/CGC1976  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 919-541-8587  
TELEFAX: 919-541-8689  
INFORMATION FOR SEQ ID NO: 192:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 642 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
ORIGINAL SOURCE:  
ORGANISM: PAG1077RP  
US-08-998-416-192

Query Match 2.3%; Score 35.2; DB 3; Length 642;  
Best Local Similarity 54.7%; Pred. No. 0.81;  
Matches 70; Conservative 0; Mismatches 58; Indels 0; Gaps 0;  
QY 1425 GTTATCTTATTCACCAATGTTCTATCGCTGTAAGTAAACGTATATTAACCTACCA 1484  
DB 209 GTTACGGTAAATCGTAATGCGCTTAAAGGTTGCTGAATGATTTATTTAAATAATTA 268  
QY 1485 TATTAAATACAAAGTTCTATTAATTAACCTAGAAAGATGATTAATCTGTTACTT 1544  
DB 269 GAATTAATTAATAATTAATTAAGAAATTAATTAAGTAAGTAATTAATTAATTAATGAAT 328  
QY 1545 AACACTCA 1552  
DB 329 AAGACTTA 336

RESULT 7  
US-08-998-416-1015  
Sequence 1015, Application US/08998416  
Patent No. 6239264  
GENERAL INFORMATION:  
APPLICANT: Philippson, Peter  
APPLICANT: Pohlmann, Rainer  
APPLICANT: Steiner, Sabine  
APPLICANT: Mohr, Christine  
APPLICANT: Wendland, Jürgen  
APPLICANT: Knechtle, Philipp  
APPLICANT: Reibischung, Corinne  
TITLE OF INVENTION: GENOMIC DNA SEQUENCES OF ASHBYA GOSSTYPII  
TITLE OF INVENTION: AND USES THEREOF  
NUMBER OF SEQUENCES: 1152  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: No. 6239264artis Corporation  
STREET: 3054 Cornwallis Road  
CITY: Research Triangle Park  
STATE: No. 6239264th Carolina  
COUNTRY: USA  
ZIP: 27709  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/998,416  
FILING DATE: 24-DEC-1997  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: CH 0016/97  
FILING DATE: 31-DEC-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Meigs, J. Timothy  
REGISTRATION NUMBER: 38,241  
REFERENCE/DOCKET NUMBER: PF/5-30306/A/CGC1976  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 919-541-8587  
TELEFAX: 919-541-8689  
INFORMATION FOR SEQ ID NO: 1015:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 718 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
ORIGINAL SOURCE:  
ORGANISM: PAG16220P  
US-08-998-416-1015

Query Match 2.3%; Score 35.2; DB 3; Length 718;  
Best Local Similarity 54.7%; Pred. No. 0.86;  
Matches 70; Conservative 0; Mismatches 58; Indels 0; Gaps 0;  
QY 1425 GTTATCTTATTCACCAATGTTCTATCGCTGTAAGTAAACGTATATTAACCTACCA 1484  
DB 209 GTTACGGTAAATCGTAATGCGCTTAAAGGTTGCTGAATGATTTATTTAAATAATTA 268  
QY 1485 TATTAAATACAAAGTTCTATTAATTAACCTAGAAAGATGATTAATCTGTTACTT 1544  
DB 269 GAATTAATTAATAATTAATTAAGAAATTAATTAAGTAAGTAATTAATTAATTAATGAAT 328  
QY 1545 AACACTCA 1552  
DB 329 AAGACTTA 336

RESULT 8  
US-08-998-416-386  
Sequence 386, Application US/08998416  
Patent No. 6239264  
GENERAL INFORMATION:  
APPLICANT: Philippson, Peter  
APPLICANT: Pohlmann, Rainer  
APPLICANT: Steiner, Sabine  
APPLICANT: Mohr, Christine  
APPLICANT: Wendland, Jürgen  
APPLICANT: Knechtle, Philipp  
APPLICANT: Reibischung, Corinne  
TITLE OF INVENTION: GENOMIC DNA SEQUENCES OF ASHBYA GOSSTYPII  
TITLE OF INVENTION: AND USES THEREOF  
NUMBER OF SEQUENCES: 1152  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: No. 6239264artis Corporation  
STREET: 3054 Cornwallis Road  
CITY: Research Triangle Park  
STATE: No. 6239264th Carolina  
COUNTRY: USA  
ZIP: 27709  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/998,416

RESULT 10  
US-07-867-106-2/c

```

Sequence 2 Application US/07867106
Patent No. 5389526
GENERAL INFORMATION:
APPLICANT: Slade, Martin B
APPLICANT: Chang, Andy C M
APPLICANT: Williams, Kelch L
TITLE OF INVENTION: Improved Plasmid Vectors for Cellular
TITLE OF INVENTION: Slime Moulds of the Genus Dictyostelium
NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5389526rls
STREET: One Liberty Place 46th Floor
City: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentln Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/867,106
FILING DATE: 19920625
PRIOR APPLICATION DATA:
APPLICATION NUMBER: AU PJ 7187
APPLICATION NUMBER: PCT/AU90/00530
FILING DATE: 02-NOV-1989
ATTORNEY/AGENT INFORMATION:
NAME: Feeney, Joanne Longo
REGISTRATION NUMBER: 35,134
REFERENCE/DOCKET NUMBER: RICE-0002
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
TELEFAX: 215-568-3439
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 5852 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
ANTI-SENSE: NO
FEATURE:
NAME/KEY: CDS
LOCATION: 2378..5038
FEATURE:
NAME/KEY: CDS
LOCATION: 2378..5038
US-07-867-106-2
Query Match 2.2%; Score 34.2; DB 1; Length 5852;
Best Local Similarity 56.8%; Pred. No. 5.5;
Matches 63; Conservative 0; Mismatches 48; Indels 0; Gaps 0;
QY 1423 TTGTTAAACTTATTCACCAAAATGTCATCGCTGTAAGTAACGTAATATACTAC 1482
Db 1950 TTTTATTTAGTATTTGTCATATTTAAAAATACTTTTAAATTTTAAATGATTTTAAATTA 1891
QY 1483 CATATTAAATACAAATGTTTCATTATTAACCTGGAAGATTGAATAAAA 1533
Db 1890 GAGATCTCAATAAAAAATTTTAAATTTAAAAAAGAAAAA 1840
RESULT 11
US-09-107-532A-3076
Sequence 3076, Application US/09107532A
Patent No. 6583275
GENERAL INFORMATION:
APPLICANT: Lynn A Doucette-Stamm and David Bush
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO
ENTEROCOCCUS FAECIUM FOR DIAGNOSTICS AND THERAPEUTICS
NUMBER OF SEQUENCES: 7310

```

;;  
;; CORRESPONDENCE ADDRESS:  
;; ADDRESSEE: GENOME THERAPEUTICS CORPORATION  
;; STREET: 100 Beaver Street  
;; CITY: Waltham  
;; STATE: Massachusetts  
;; COUNTRY: USA  
;; ZIP: 02354  
;;  
;; COMPUTER READABLE FORM:  
;; MEDIUM TYPE: CD-ROM ISO9660  
;; COMPUTER: PC  
;; OPERATING SYSTEM: <Unknown>  
;; SOFTWARE: ASCII  
;;  
;; CURRENT APPLICATION DATA:  
;; APPLICATION NUMBER: US/09/107,532A  
;; FILING DATE: 30-Jun-1998  
;;  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: 60/085,598  
;; FILING DATE: 14 May 1998  
;;  
;; ATTORNEY/AGENT INFORMATION:  
;; FILING DATE: July 2, 1997  
;; NAME: Ariniello, Pamela Deneke  
;; REGISTRATION NUMBER: 40,489  
;; REFERENCE/DOCKET NUMBER: GTC-012  
;;  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: (781)893-5007  
;; TELEFAX: (781)893-8277  
;;  
;; INFORMATION FOR SEQ ID NO: 3076:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 1704 base pairs  
;; TYPE: nucleic acid  
;; STRANDEDNESS: double  
;; TOPOLOGY: circular  
;; MOLECULE TYPE: DNA (genomic)  
;; HYPOTHETICAL: NO  
;; ANTI-SENSE: NO  
;; ORIGINAL SOURCE:  
;; ORGANISM: Enterococcus faecium  
;;  
;; NAME/KEY: misc-feature  
;; LOCATION: (B) LOCATION 1...1704  
;; SEQUENCE DESCRIPTION: SEQ ID NO: 3076:  
;;  
;; US-09-107-532A-3076  
;;  
Query Match 2.2%; Score 34; DB 4; Length 1704;  
Best Local Similarity 50.6%; Pred. No. 3.2;  
Matches 82; Conservative 0; Mismatches 80; Indels 0; Gaps 0;  
;;  
QY 693 AGACCTGGACAAGTCATGTCGAGTGAAGAAATGACGGTTCGTCACCTCTT 752  
DB 1040 AGAATTTCTCTGAAAAAATGATGAAAGTATGAGAACAGTCGATTTGCTGATGACGAG 1099  
QY 753 TTTCTGCTAGAGCTGTAATGAGGAACAACAGATTAATCTGAATTGCTACTCAGAAAG 812  
DB 1100 ATTTTCGACGCTGGTGGTGTGCTAGGAATAATGATTAAGATGTTATTTTACACACATA 1159  
QY 813 CTTTGATGCAAGGTGTAGATTTCCTTTCCCGGACAACAAC 854  
DB 1160 CTTTATCCAGCAATCAGCCCTTCGATTACAAAACATCAAAC 1201  
;;  
RESULT 12  
US-08-453-742-26  
; Sequence 26, Application US/08453742  
; GENERAL INFORMATION:  
; APPLICANT: Moore, Emma E  
; APPLICANT: Sheppard, Paul O  
; APPLICANT: Kuestner, Rolf E  
; TITLE OF INVENTION: Human Calcitonin Receptor  
; NUMBER OF SEQUENCES: 27  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: TOWNSEND AND TOWNSEND KHOURIE and CREW

;;  
;; STREET: One Market Plaza, Stewart St. Tower,  
;; STREET: Twentieth Floor  
;; CITY: San Francisco  
;; STATE: CA  
;; COUNTRY: USA  
;; ZIP: 94105-1492  
;;  
;; COMPUTER READABLE FORM:  
;; MEDIUM TYPE: Floppy disk  
;; COMPUTER: IBM PC compatible  
;; OPERATING SYSTEM: PC-DOS/MS-DOS  
;; SOFTWARE: Patent In Release #1.0, Version #1.25  
;;  
;; CURRENT APPLICATION DATA:  
;; APPLICATION NUMBER: US/08/453,742  
;; FILING DATE:  
;; CLASSIFICATION: 435  
;;  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: US/08/100,887  
;; FILING DATE:  
;; APPLICATION NUMBER: US 07/954,804  
;;  
;; FILING DATE: 30-SEP-1992  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Parmelee, Steven W  
;; REGISTRATION NUMBER: 31,990  
;; REFERENCE/DOCKET NUMBER: 13952-15-1  
;;  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: 206-467-9600  
;; TELEFAX: 415-543-5043  
;;  
;; INFORMATION FOR SEQ ID NO: 26:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 3390 base pairs  
;; TYPE: nucleic acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
;; MOLECULE TYPE: cDNA  
;; IMMEDIATE SOURCE:  
;; CLONE: plaex  
;;  
;; FEATURE:  
;; NAME/KEY: CDS  
;; LOCATION: 52..1485  
;;  
;; US-08-453-742-26  
;;  
Query Match 2.2%; Score 33.6; DB 1; Length 3390;  
Best Local Similarity 49.4%; Pred. No. 6.3;  
Matches 87; Conservative 0; Mismatches 89; Indels 0; Gaps 0;  
;;  
QY 1378 GGATGCTCCAGAGAGTGCTTCGAGGGTATCATCTTCCGTTGTTAATCTTATTC 1437  
DB 3042 GGATATTTTCCATCAACAGGTATGATGATGTTCTATTTGTTTACAAACATGAA 3101  
QY 1438 ACCAATGTCTCTATCGCTCTAGCTAAACTGTAATATATATACCATATTAATTAACA 1497  
DB 3102 AACAGAGTATTTCTGACAGCTGTGTACCAATGTGATATATATATGCTAAATATTTTG 3161  
QY 1498 ATGTCATTAATCACTAGGAAGATTTGAATTAATCTGTTACTTAACATTCAA 1553  
DB 3162 ATGTTATATAGCTAATATATAGTAGGGTTGAAGAAAACAAATAGCTTATATAGAA 3217  
;;  
RESULT 13  
US-08-454-464-26  
; Sequence 26, Application US/08454464  
; Patent No. 5674689  
; GENERAL INFORMATION:  
; APPLICANT: Moore, Emma E  
; APPLICANT: Sheppard, Paul O  
; APPLICANT: Kuestner, Rolf E  
; TITLE OF INVENTION: Human Calcitonin Receptor  
; NUMBER OF SEQUENCES: 27  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: TOWNSEND AND TOWNSEND KHOURIE and CREW  
; STREET: One Market Plaza, Stewart St. Tower,  
; STREET: Twentieth Floor  
; CITY: San Francisco



```

; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/452,802
; FILING DATE: 30-MAY-1995
; CLASSIFICATION: 435
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: US 08/100,887
; FILING DATE: 02-AUG-1993
; APPLICATION NUMBER: US 07/954,804
; FILING DATE: 30-SEP-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Parmelee, Steven W
; REGISTRATION NUMBER: 31,990
; REFERENCE/DOCKET NUMBER: 13952-15-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 206-467-9600
; TELEFAX: 415-543-5043
; INFORMATION FOR SEQ ID NO: 26:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 3390 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; IMMEDIATE SOURCE:
; CLONE: plaex
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 52..1485
; US-08-452-802-26

```

```

Query Match      2.2%; Score 33.6; DB 1; Length 3390;
Best Local Similarity 49.4%; Pred. No. 6.3;
Matches 87; Conservative 0; Mismatches 89; Indels 0; Gaps 0;

QY 1378 GGATGCTCTCCAGAGAGTGTCTCGAGGTATCATCATTTCCGGTTTGTAACTATTC 1437
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 3042 GGATATTTTCCATTCACAGTGTATGTATTTGTTCTATTTTGTACAAACATGAA 3101
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||

QY 1438 ACCAAATGTTCTATCGCTGTAAGTAACTGTAATATATACCTATTAATTAACAA 1497
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 3102 AACAGATATTTCTGCGACGTGTGACAAATGTATATATATGCTAAATATTTAG 3161
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||

QY 1498 ATGTCATATATAACTCTAGAAAGATTAATTAATCTGTTACTTAACATTCAA 1553
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 3162 ATGTAATATGCTAATATAGTAGGGGCTGAAGAAACAAATAGCTTATTAAGAA 3217
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||

```

Search completed: August 23, 2003, 14:23:32  
 Job time : 91 secs